

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 1    | ("6301254").PN.  | USPAT   | OR               | OFF     | 2005/11/08 12:10 |
| S2    | 668  | TDM and ring and SONET                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/01 10:28 |
| S3    | 474  | S2 and (@ad<"20010330" or @rlad<"20010330")              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/01 14:22 |
| S4    | 208  | S3 and ("cross connect" or "cross-connect")              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/01 10:38 |
| S5    | 10   | S4 and OAM   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/01 10:30 |
| S6    | 1    | ("6205158").PN.  | USPAT   | OR               | OFF     | 2005/03/01 14:25 |
| S7    | 1    | ("6654341").PN.  | USPAT   | OR               | OFF     | 2005/03/01 15:08 |
| S8    | 1    | ("6226111").PN.  | USPAT   | OR               | OFF     | 2005/03/01 15:09 |
| S9    | 1    | ("6295146").PN.  | USPAT   | OR               | OFF     | 2005/03/01 15:32 |
| S10   | 1    | ("6587470").PN.  | USPAT   | OR               | OFF     | 2005/03/02 16:20 |
| S11   | 1    | S10 and TDM  | USPAT   | OR               | OFF     | 2005/03/01 15:53 |
| S12   | 1    | S11 and oc-48  | USPAT   | OR               | OFF     | 2005/03/01 16:32 |
| S13   | 111  | TDM and SONET and (DSC.AS. or Nortel.AS. or Alcatel.AS.) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2005/03/01 16:33 |
| S14   | 94   | S13 and (@ad<"20010330" or @rlad<"20010330")             | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2005/03/01 16:33 |
| S15   | 1    | ("5159595").PN.  | USPAT   | OR               | OFF     | 2005/03/02 11:51 |
| S16   | 1    | ("5826038").PN.  | USPAT   | OR               | OFF     | 2005/03/02 11:54 |
| S17   | 1    | ("6122250").PN.  | USPAT   | OR               | OFF     | 2005/03/02 13:34 |
| S18   | 1    | ("6754174").PN.  | USPAT   | OR               | OFF     | 2005/03/02 13:35 |
| S19   | 0    | S18 and "access loop"                                    | USPAT   | OR               | OFF     | 2005/03/02 13:36 |
| S20   | 0    | S18 and (loop with access)                               | USPAT   | OR               | OFF     | 2005/03/02 13:38 |

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|-----|-------|--|--|----|-----|------------------|
| S21 | 97200 | "370"/\$ or "398"/\$   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/02 13:39 |
| S22 | 10    | S21 and redback.as.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/02 13:42 |
| S23 | 52    | redback.as.  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/02 13:45 |
| S24 | 26    | stiles-david-r.in.   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/02 13:49 |
| S25 | 53    | S21 and (metro\$8 same switch)<br>and (SONET or SDH) and TDM | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/02 13:51 |
| S26 | 46    | S25 and (@ad<"20010330" or<br>@rlad<"20010330")              | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/02 13:51 |
| S27 | 1     | ("6587470").PN.  | USPAT                                      | OR | OFF | 2005/03/02 16:22 |
| S29 | 1     | S27 and (ring same (ID or map or<br>identif\$5))             | USPAT                                      | OR | OFF | 2005/03/02 16:38 |
| S31 | 1     | S29 and WDM  | USPAT                                      | OR | OFF | 2005/03/02 16:39 |
| S32 | 31    | SONET and DCC and OAM  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:13 |
| S33 | 28    | S32 and (@ad<"20010330" or<br>@rlad<"20010330")              | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:13 |
| S34 | 31    | SONET and DCC and OAM  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:13 |
| S35 | 221   | SONET and DCC  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:14 |
| S36 | 149   | S35 and (@ad<"20010330" or<br>@rlad<"20010330")              | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:14 |

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| S37 | 47  | S36 and (acknowled\$5 or ACK)                                  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:30 |
| S38 | 465 | "OAM&P"  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:30 |
| S39 | 193 | S38 and SONET  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:30 |
| S40 | 40  | S39 and DCC  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 09:30 |
| S41 | 34  | S40 and (@ad<"20010330" or<br>@rlad<"20010330")                | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 11:01 |
| S42 | 303 | 370/236.2,395.51,907.ccls.                                     | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/04 11:22 |
| S43 | 257 | S42 and (@ad<"20010330" or<br>@rlad<"20010330")                | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 11:42 |
| S44 | 12  | S43 and DCC  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 11:02 |
| S45 | 173 | S43 and (SONET or SDH)   | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 11:43 |
| S46 | 47  | S45 and (OAM or "OAM&P" or<br>(operation\$2 with maintenance)) | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 12:10 |
| S47 | 8   | S46 and DCC  | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/03 12:10 |
| S48 | 327 | 370/236.2,395.51,907.ccls.                                     | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/04 11:22 |

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|-----|-------|---|--|----|-----|------------------|
| S49 | 268   | S48 and (@ad<"20010330" or @rlad<"20010330")                    | US-PGPUB;<br>USPAT;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/06/04 11:22 |
| S50 | 67094 | ("370"/\$ or "398"/\$) and (@ad<"20010330" or @rlad<"20010330") | USPAT                                      | OR | OFF | 2005/11/08 12:20 |
| S51 | 3302  | S50 and ("SONET" or "SDH")                                      | USPAT                                      | OR | OFF | 2005/11/08 12:11 |
| S52 | 655   | S51 and TDM   | USPAT                                      | OR | OFF | 2005/11/08 12:12 |
| S53 | 35    | S52 and metro   | USPAT                                      | OR | OFF | 2005/11/08 12:12 |
| S54 | 33    | S53 and ring  | USPAT                                      | OR | OFF | 2005/11/08 12:20 |
| S55 | 5569  | ("370"/\$ or "398"/\$) and (@ad<"20010330" or @rlad<"20010330") | US-PGPUB;<br>DERWENT                       | OR | OFF | 2005/11/08 12:20 |
| S56 | 586   | S55 and ("SONET" or "SDH")                                      | US-PGPUB;<br>DERWENT                       | OR | OFF | 2005/11/08 12:20 |
| S57 | 162   | S56 and TDM   | US-PGPUB;<br>DERWENT                       | OR | OFF | 2005/11/08 12:20 |
| S58 | 23    | S57 and metro   | US-PGPUB;<br>DERWENT                       | OR | OFF | 2005/11/08 12:20 |
| S59 | 15    | S58 and ring  | US-PGPUB;<br>DERWENT                       | OR | OFF | 2005/11/08 12:20 |